

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-313973

(43)Date of publication of application : 05.12.1995

(51)Int.Cl.

C02F 1/44
B01D 65/02
B01D 65/02
B01D 65/02
B01D 65/02
B01D 65/06
C02F 1/28

(21)Application number : 06-113162

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(22)Date of filing : 26.05.1994

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SHINAGAWA MIKIO
IMANISHI YOSHIHARU(54) WATER PURIFIER AND METHOD FOR WASHING POROUS FILTRATION
MEMBRANE IN THE SAME

(57)Abstract:

PURPOSE: To wash a porous filtration membrane simply and surely when the membrane is clogged and to extend the life of an apparatus.

CONSTITUTION: In a water purifier, raw water which is supplied from a raw water inlet 1 into a housing 2 is filtered by a porous filtration membrane 3 set in the housing 2, and the filtrate is discharged from a filtrate outlet 4. A washing liquid supply port 5 for supplying washing liquid into the housing 2 is installed on the upstream side of the membrane 3 to wash a surface on the upstream side of the membrane 3. A discharge opening 6 for discharging the washing liquid used for the washing outside the housing 2 is installed on the upstream side of the membrane 3.

